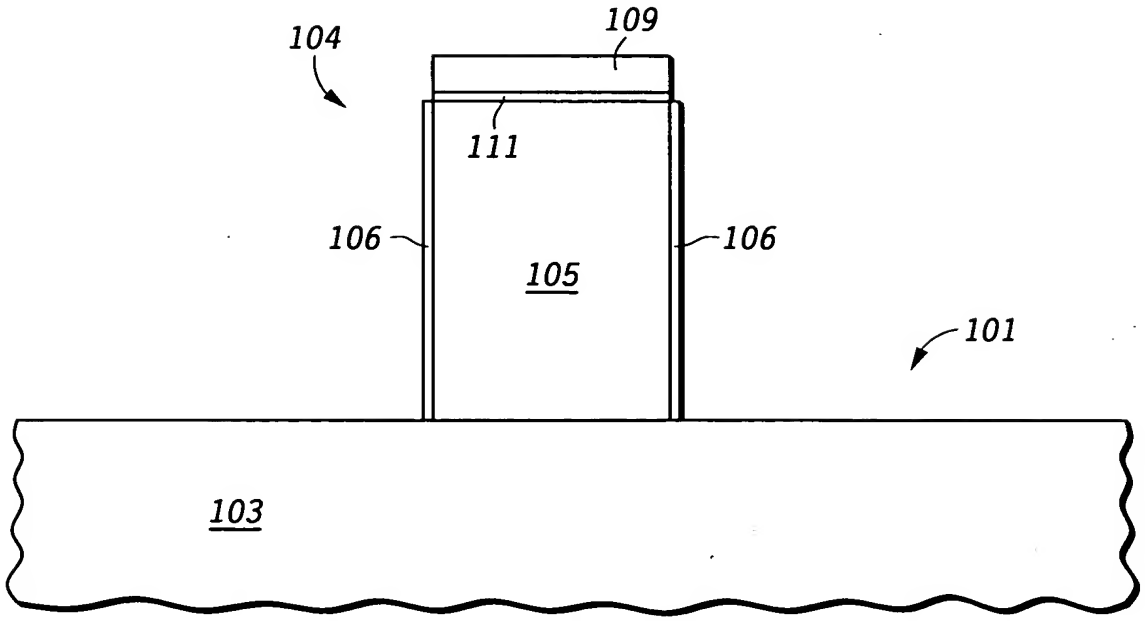

FIG. 1

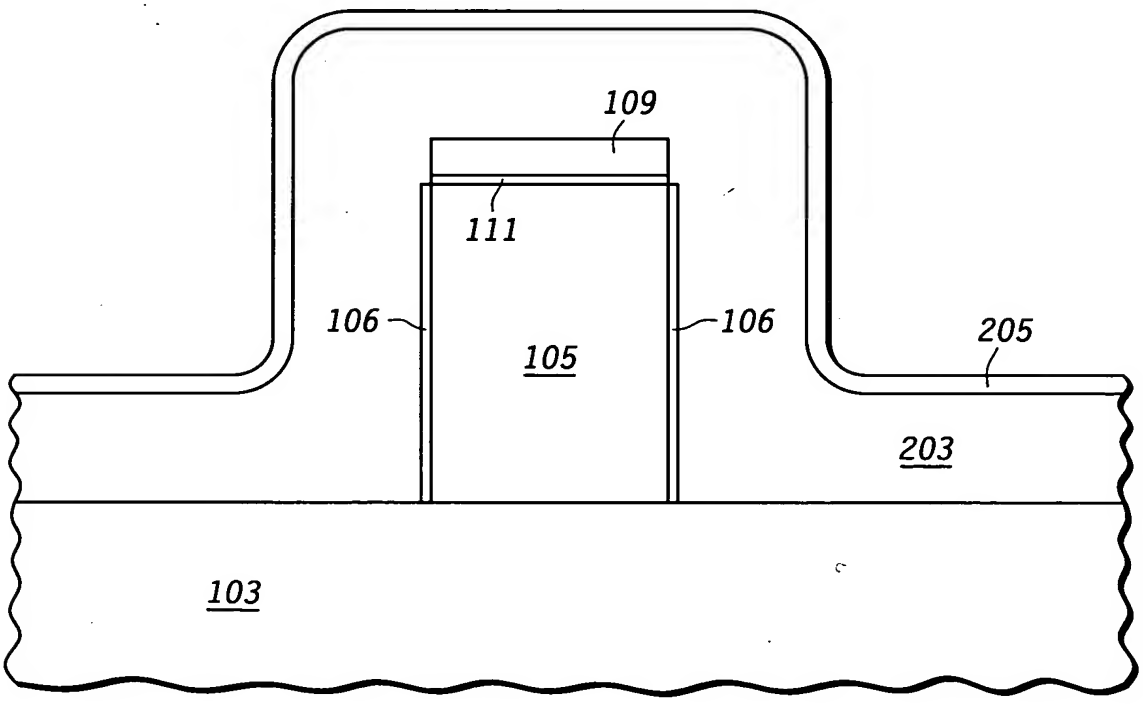

FIG. 2

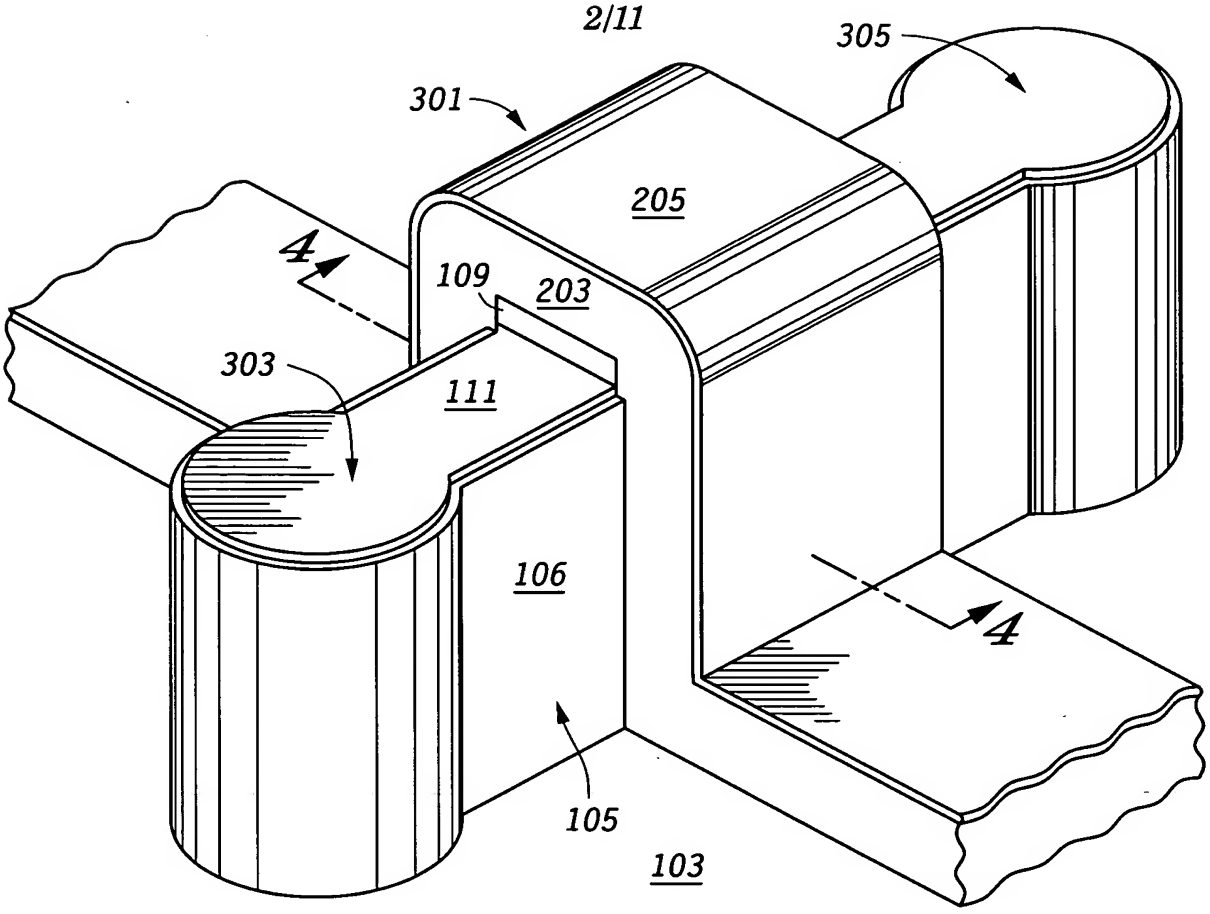
305
301
205
4
109
203
303
111
106
4
105
103

FIG. 3

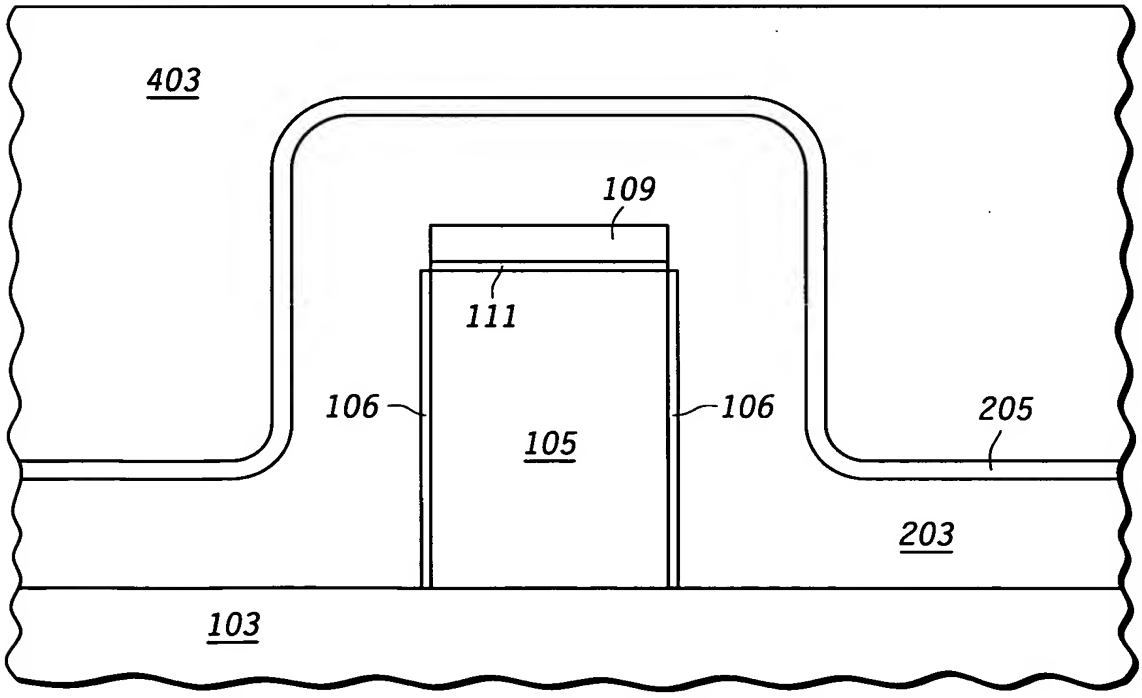
403
109
111
106
106
205
105
203
103

FIG. 4

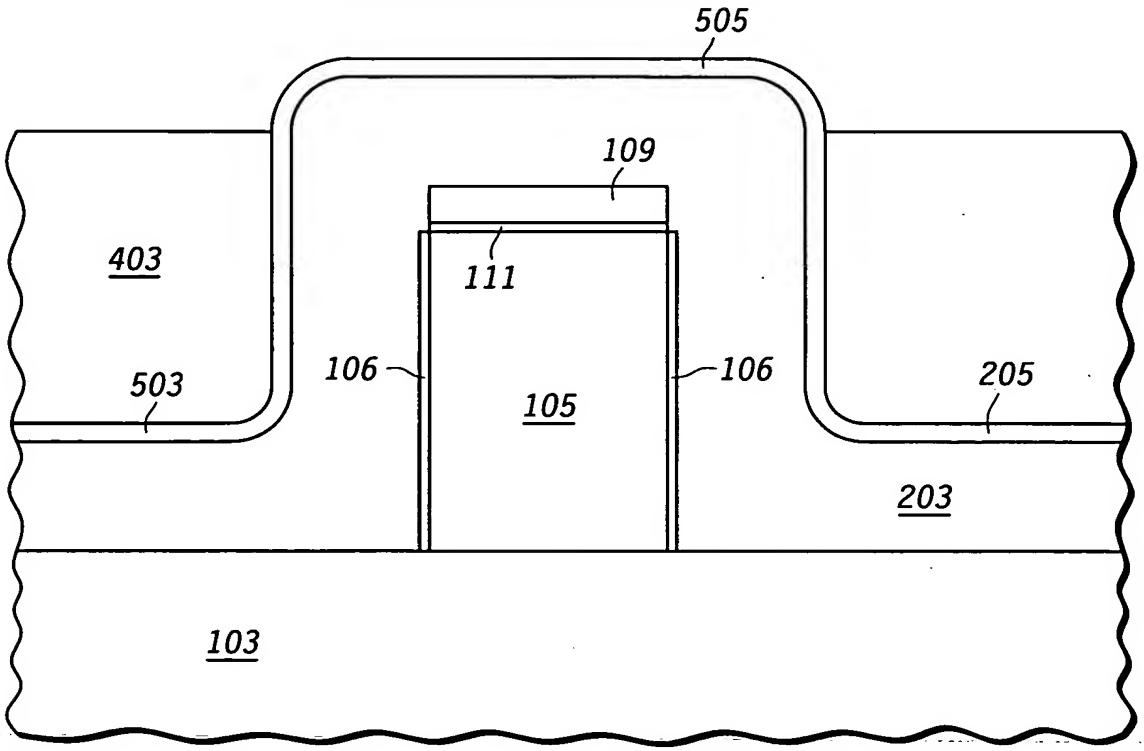
505
109
403
111
503
106
106
205
105
203
103

FIG. 5

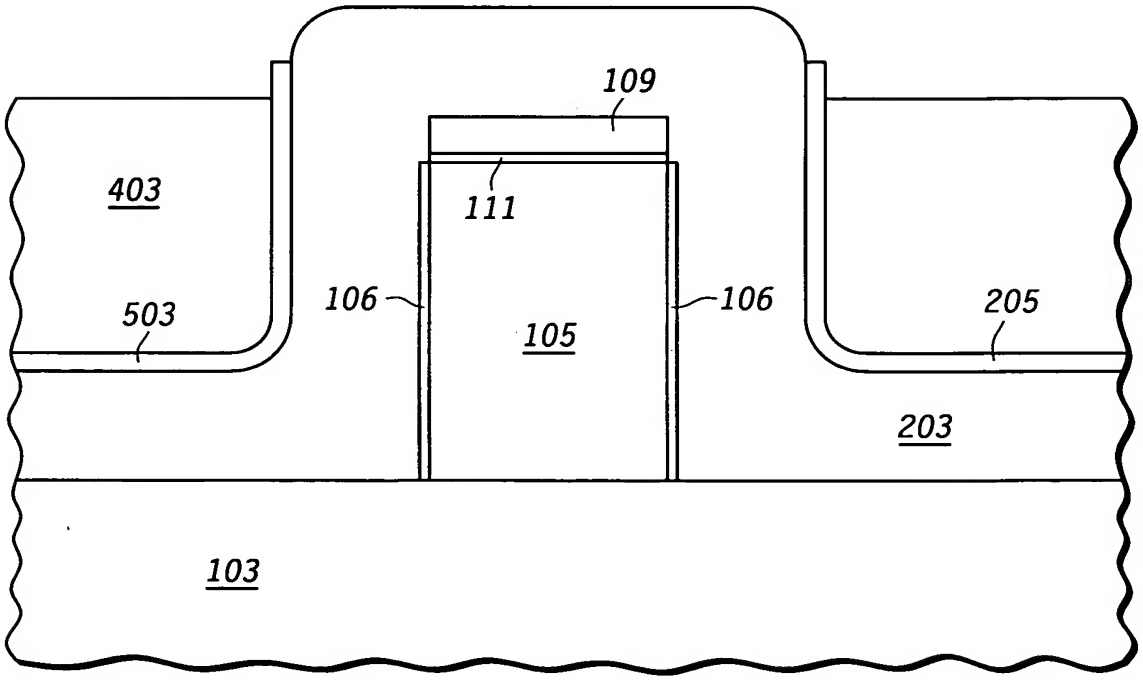
109
403
111
503
106
106
205
105
203
103

FIG. 6

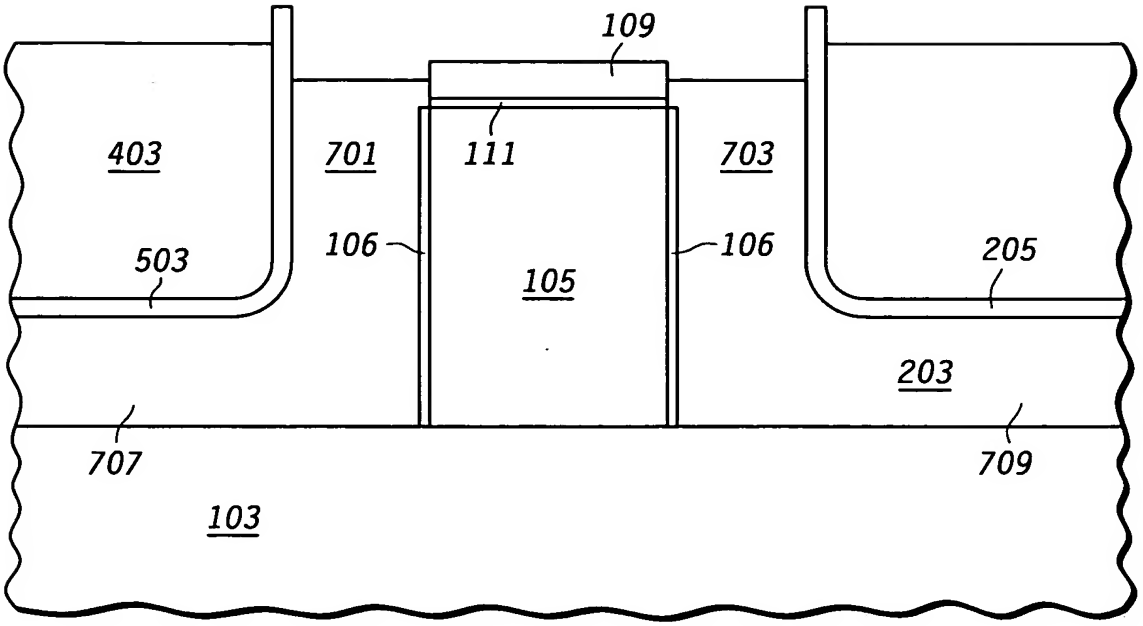
109
403
701
111
703
503
106
106
205
105
203
707
709
103

FIG. 7

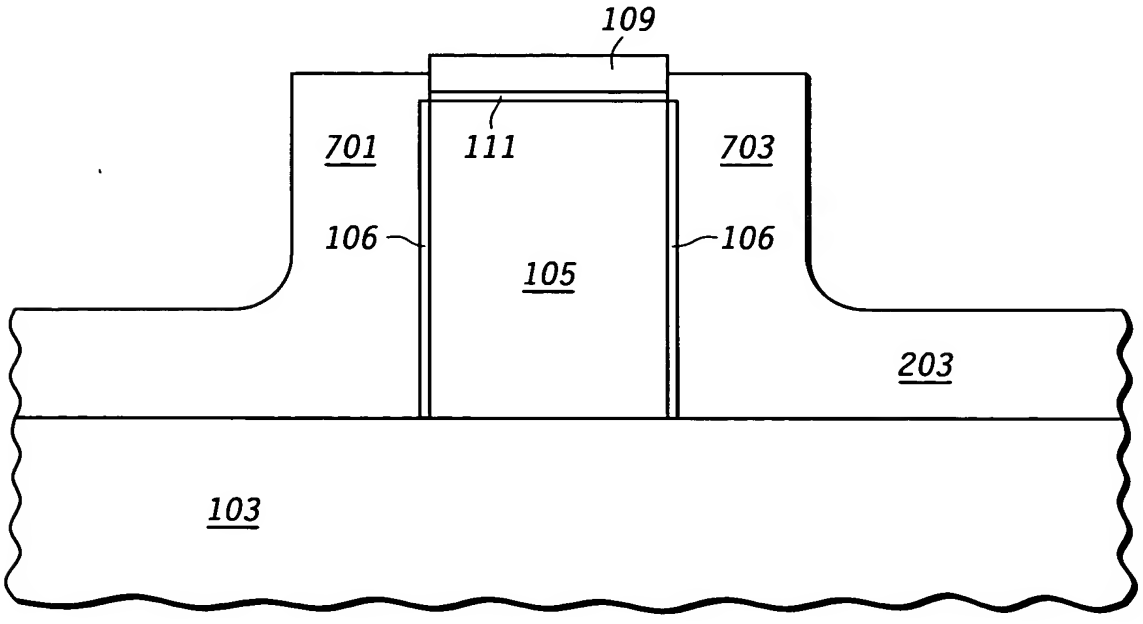
109
701
111
703
106
106
105
203
103

FIG. 8

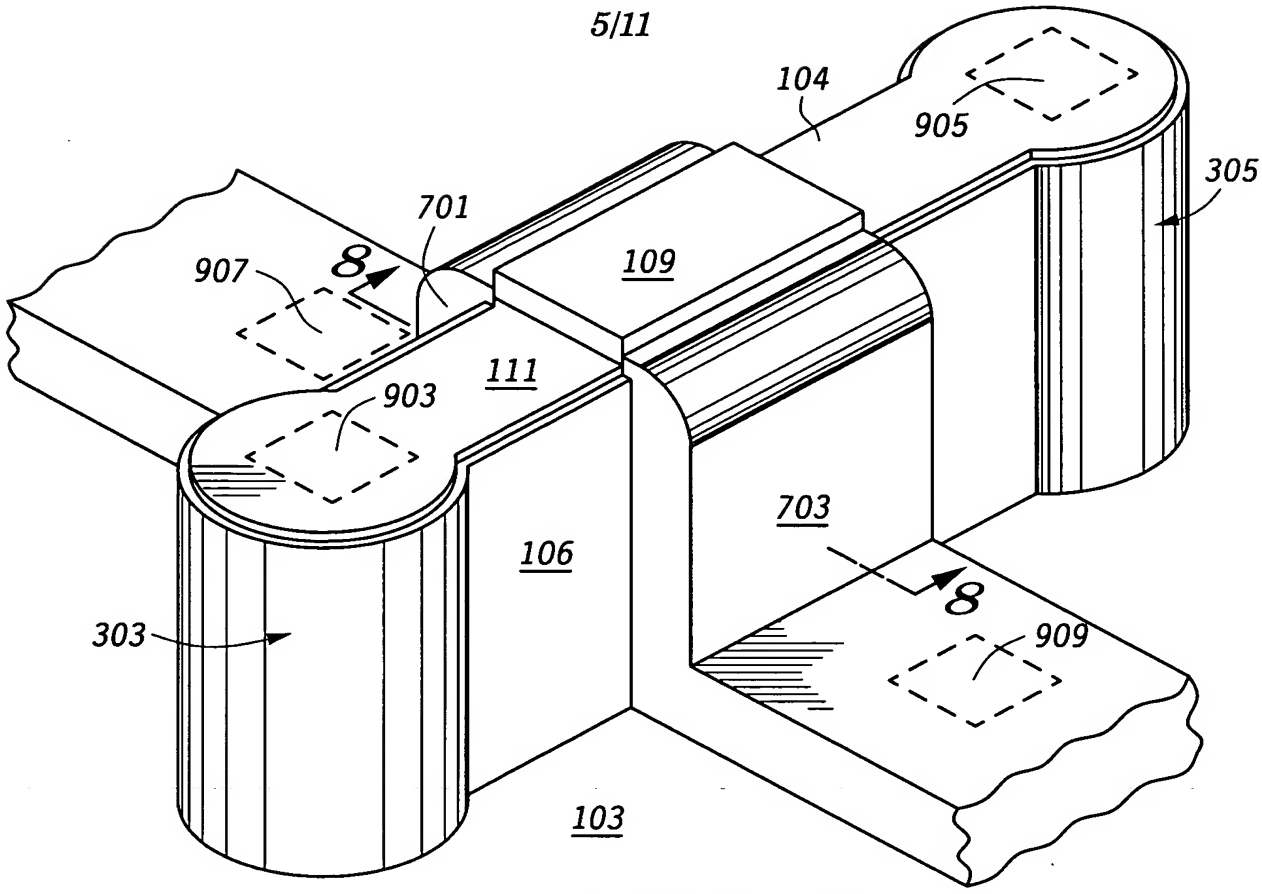
104
905
305
701
907
8
109
111
903
703
106
8
303
909
103

FIG. 9

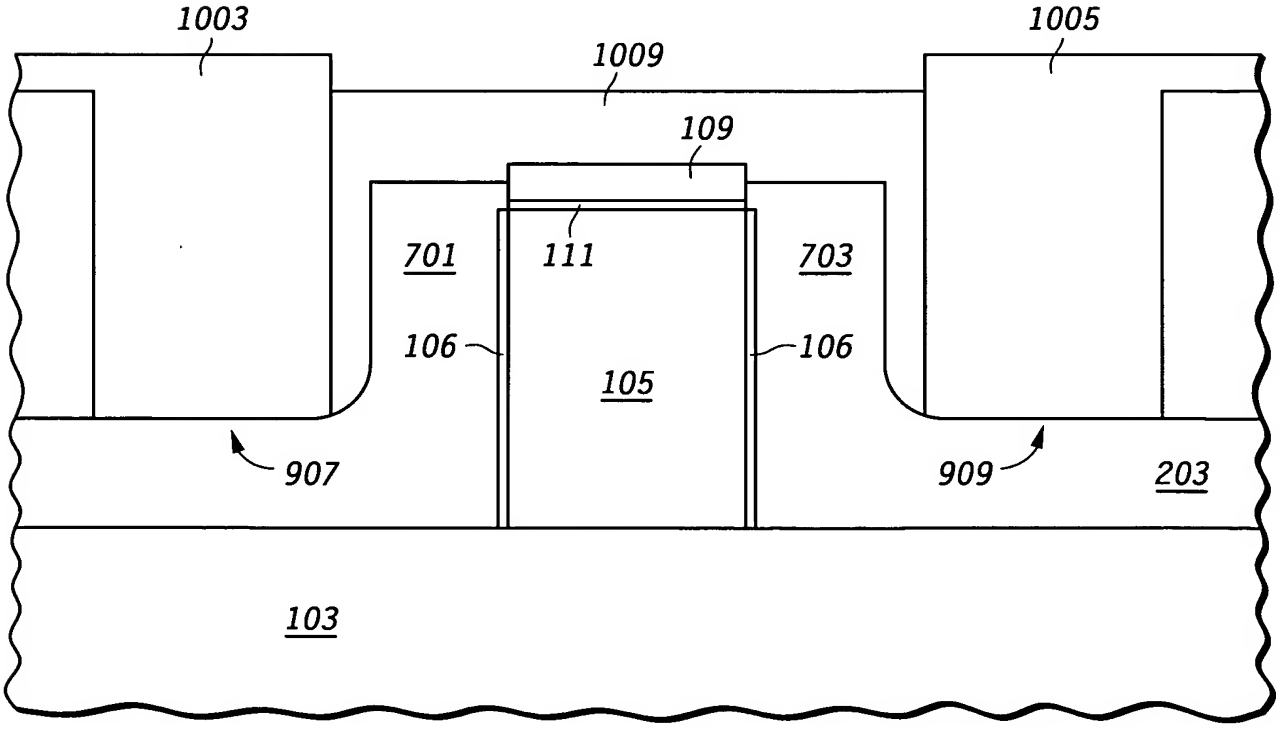
1003
1009
1005
109
701
111
703
106
106
105
907
909
203
103

FIG. 10

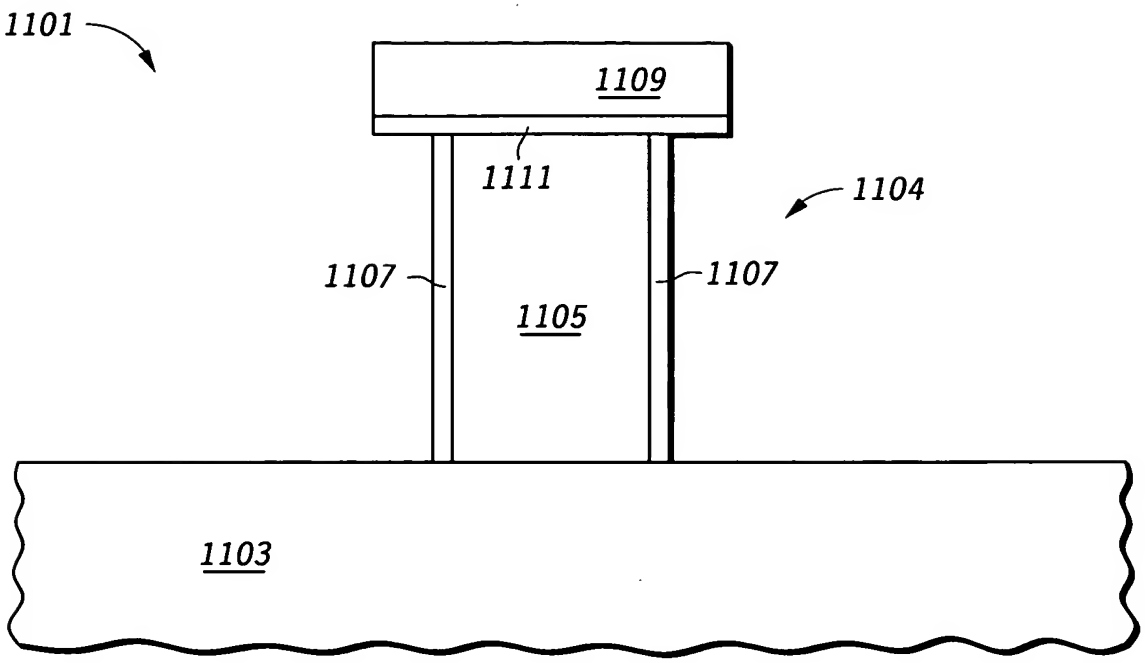
1101
1109
1111
1104
1107
1107
1105
1103

FIG. 11

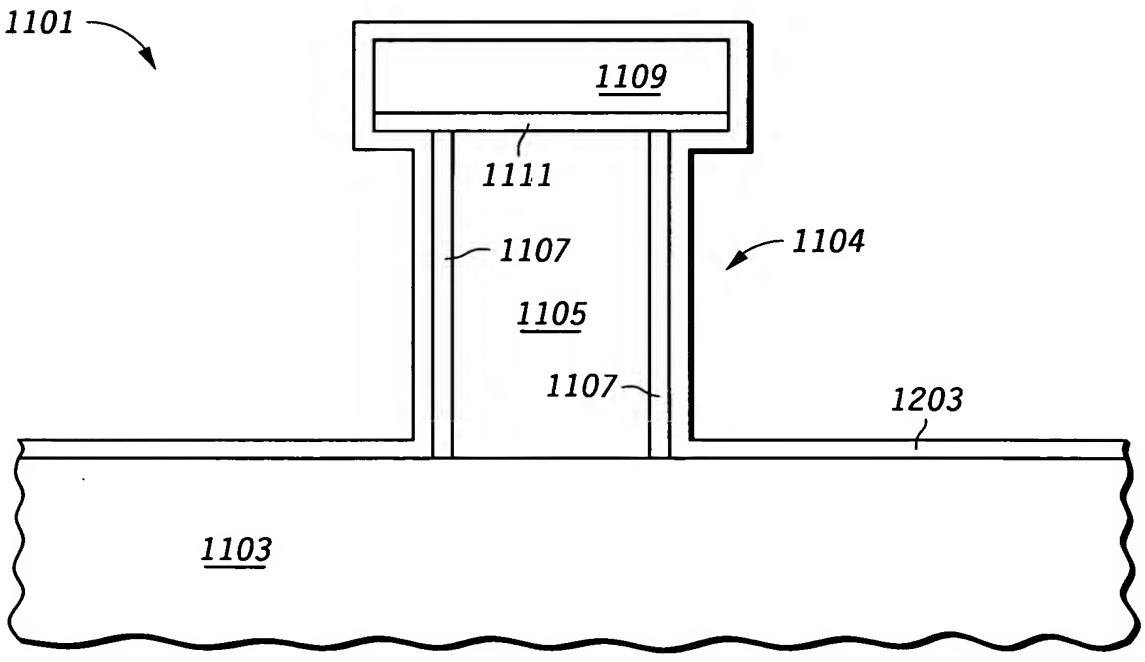
1101
1109
1111
1107
1104
1105
1107
1203
1103

FIG. 12

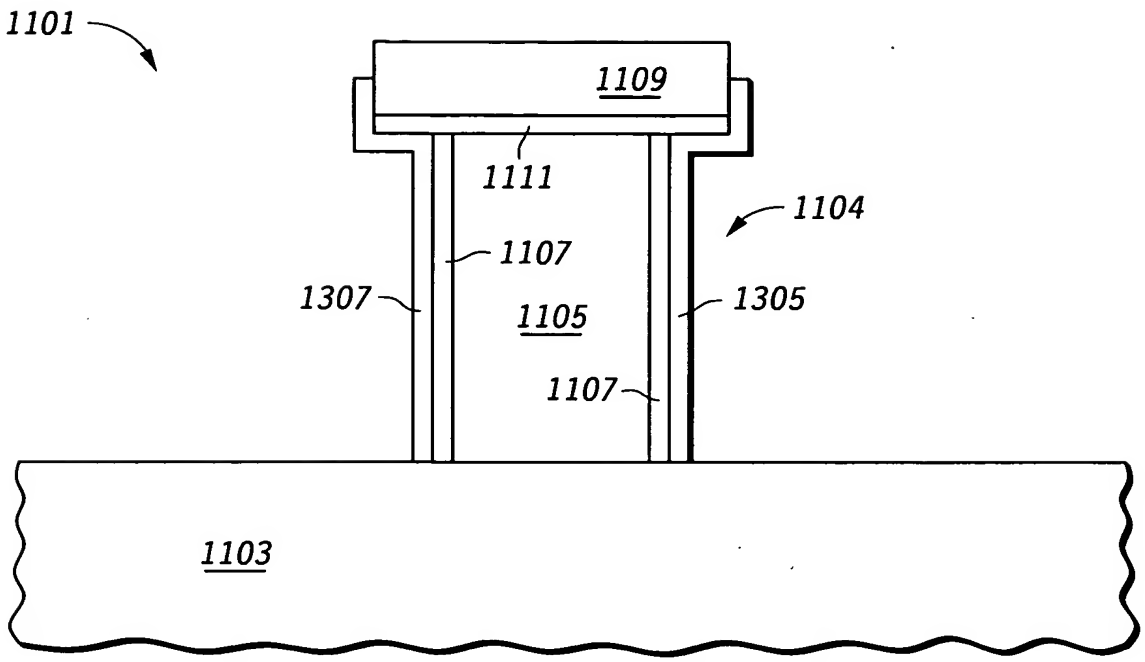
1101
1109
1111
1104
1107
1307
1105
1305
1107
1103

FIG. 13

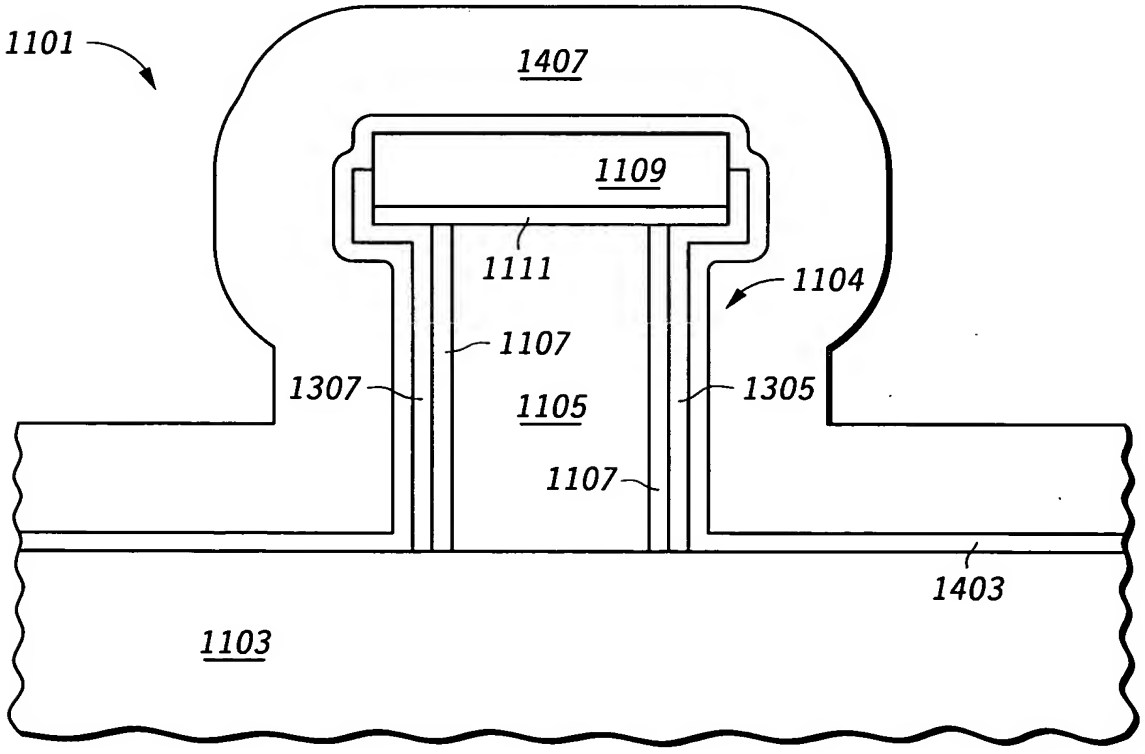
1101
1407
1109
1111
1104
1107
1307
1105
1305
1107
1403
1103

FIG. 14

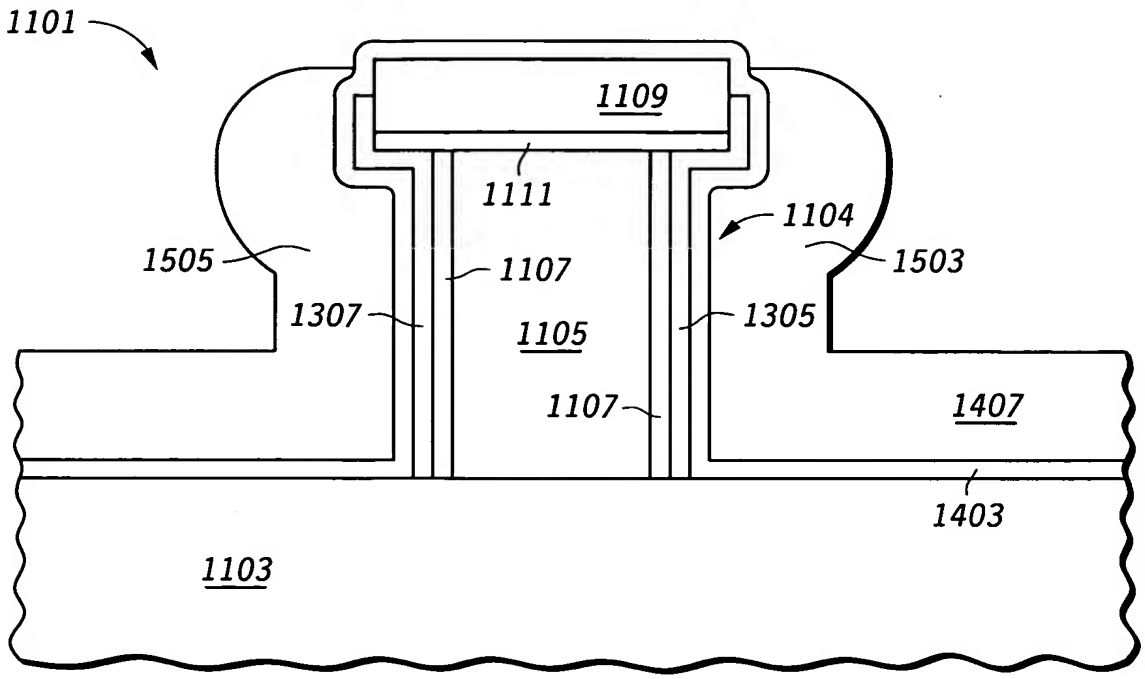
1101
1109
1111
1104
1505
1503
1107
1307
1305
1105
1107
1407
1403
1103

FIG. 15

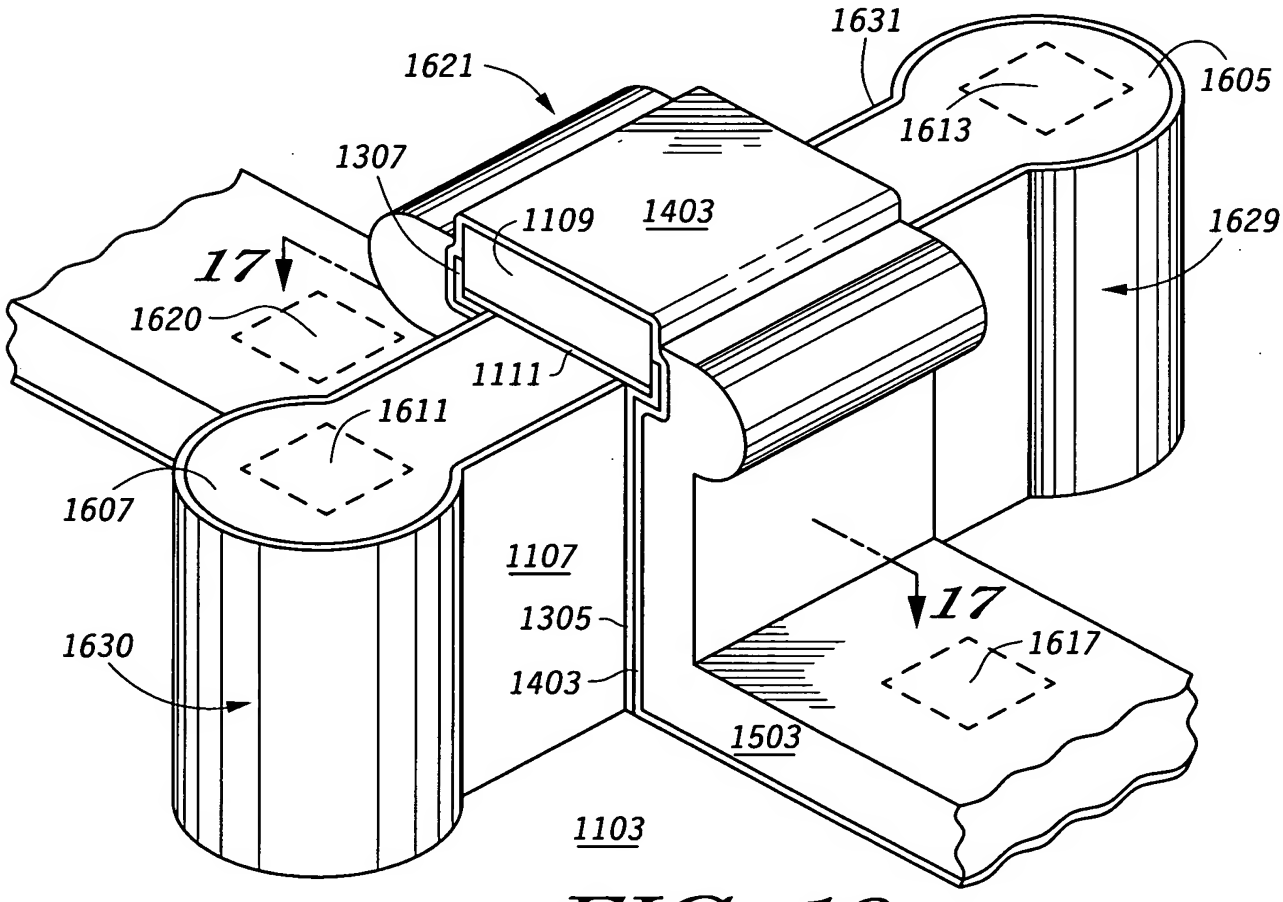
1631
1621
1605
1613
1307
1109
1403
1629
17
1620
1111
1611
1607
1107
1305
17
1617
1630
1403
1503
1103

FIG. 16

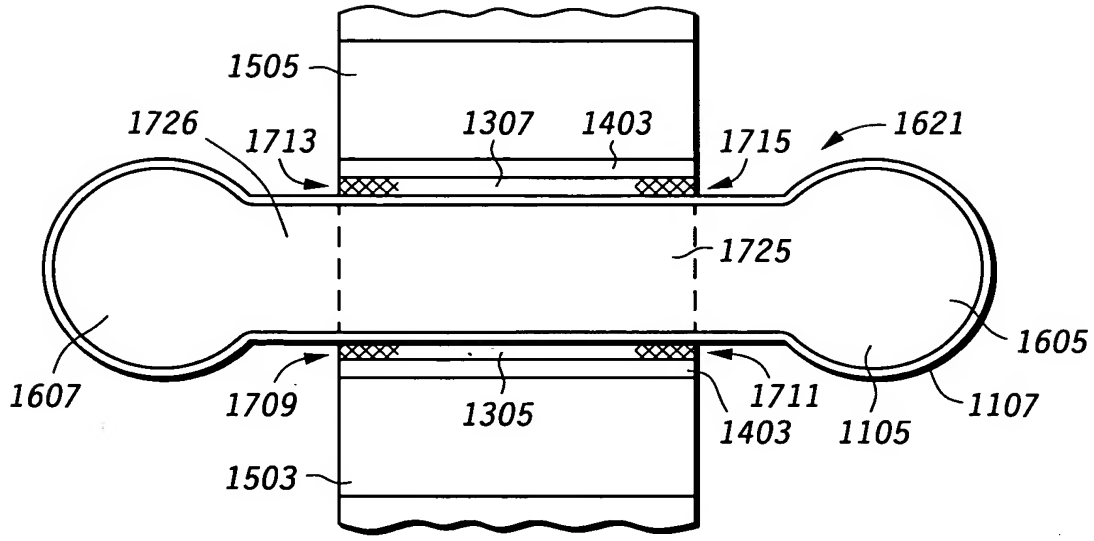
1505
1726
1713
1307
1403
1715
1621
1725
1605
1607
1709
1305
1711
1403
1105
1107
1503

FIG. 17

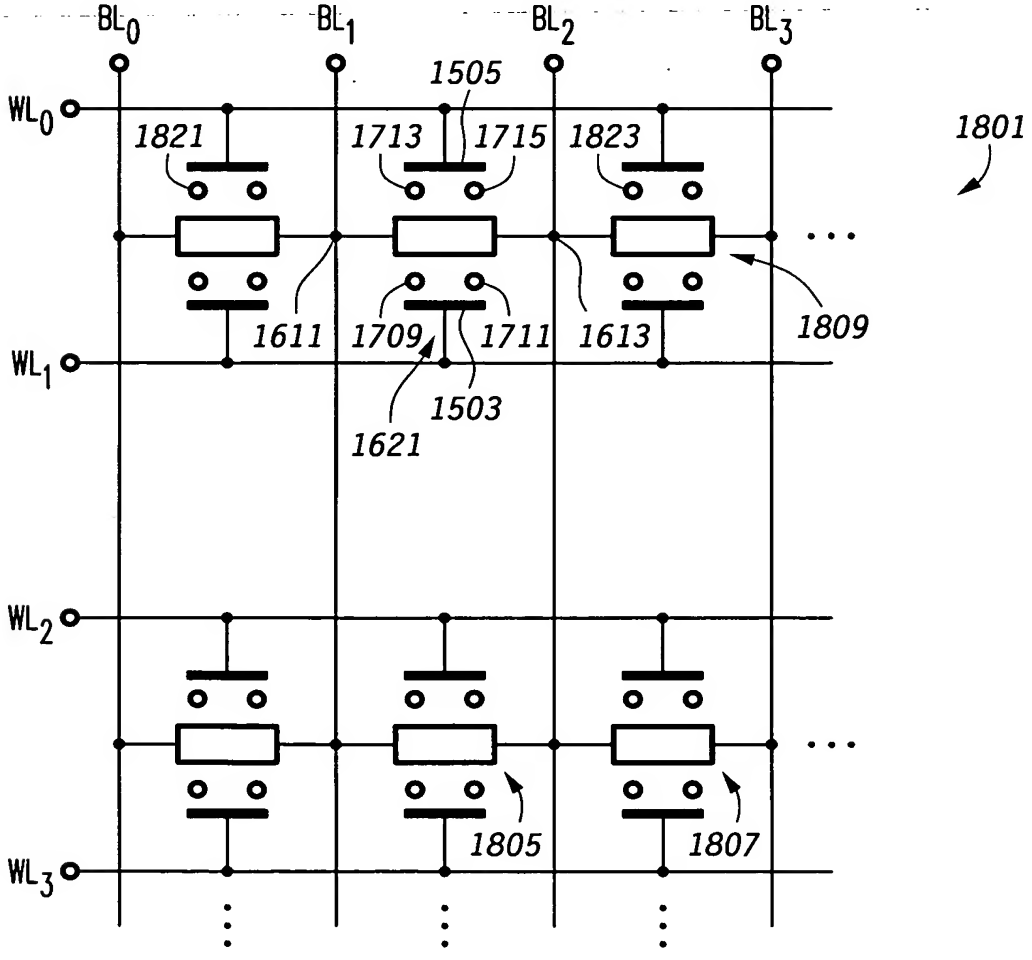
BL0
BL1
BL2
BL3
1505
WL0
1821
1713
1715
1823
1801
1611
1709
1711
1613
1809
WL1
1503
1621
WL2
1805
1807
WL3

FIG. 18

CONDITIONS FOR BIT 1713

	WL_0	WL_1	WL_2	WL_3	BL_0	BL_1	BL_2	BL_3
PROGRAM	V_{PP}	V_{SS}	V_{SS}	V_{SS}	$V_{PP/2}$	$V_{PP/2}$	V_{SS}	V_{SS}
ERASE	$-V_{PP}$	V_{SS}	V_{SS}	V_{SS}	V_{SS}	V_{PP}	V_{SS}	V_{SS}
READ	V_{DD}	V_{SS}	V_{SS}	V_{SS}	V_{SS}	S_A	V_{DD}	V_{DD}

FIG. 19

CONDITIONS FOR BIT 1711

	WL_0	WL_1	WL_2	WL_3	BL_0	BL_1	BL_2	BL_3
PROGRAM	V_{SS}	V_{PP}	V_{SS}	V_{SS}	V_{SS}	V_{SS}	$V_{PP/2}$	$V_{PP/2}$
ERASE	V_{SS}	$-V_{PP}$	V_{SS}	V_{SS}	V_{SS}	V_{SS}	V_{PP}	V_{SS}
READ	V_{SS}	V_{DD}	V_{SS}	V_{SS}	V_{DD}	V_{DD}	S_A	V_{SS}

FIG. 20

	WL_0	WL_1	WL_2	WL_3	BL_0	BL_1	BL_2	BL_3
PROGRAM	V_{PP}	$-V_{PP}$	$-V_{PP}$	$-V_{PP}$	$-V_{PP/2}$	$-V_{PP/2}$	$-V_{PP}$	$-V_{PP}$
ERASE	$-V_{PP}$	V_{SS}	V_{SS}	V_{SS}	V_{SS}	V_{PP}	V_{SS}	V_{SS}
READ	V_{DD}	V_{SS}	V_{SS}	V_{SS}	V_{SS}	S_A	V_{DD}	V_{DD}

FIG. 21

	WL_0	WL_1	WL_2	WL_3	BL_0	BL_1	BL_2	BL_3
PROGRAM	$-V_{PP}$	V_{PP}	V_{PP}	V_{PP}	$-V_{PP}$	$-V_{PP}$	$-V_{PP/2}$	$-V_{PP/2}$
ERASE	V_{SS}	$-V_{PP}$	V_{SS}	V_{SS}	V_{SS}	V_{SS}	V_{PP}	V_{SS}
READ	V_{SS}	V_{DD}	V_{SS}	V_{SS}	V_{DD}	V_{DD}	S_A	V_{SS}

FIG. 22

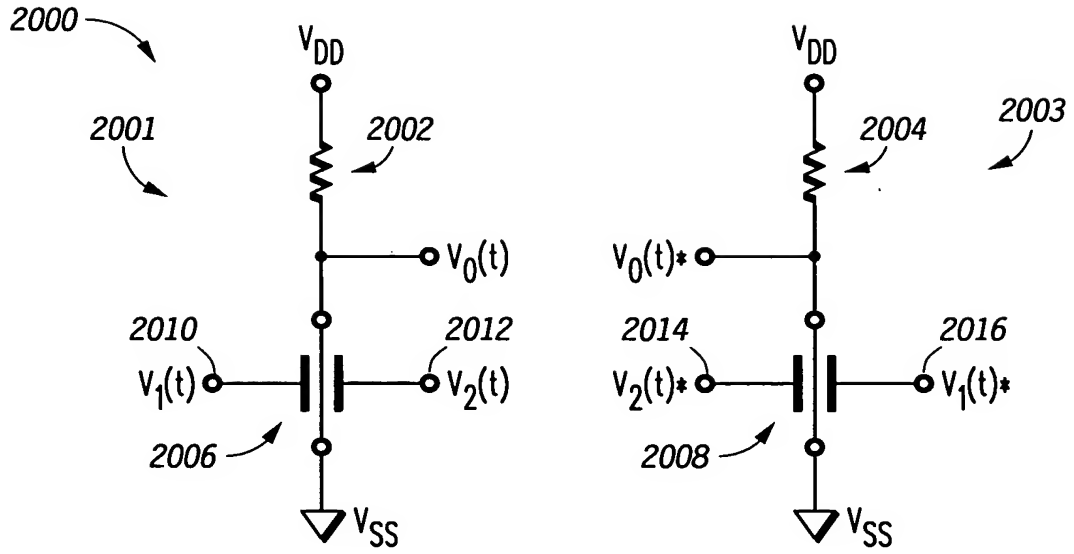
2000
V_{DD}
2001
2002
$V_0(t)$
2010
$V_1(t)$
2012
$V_2(t)$
2006
V_{SS}
V_{DD}
2004
2003
$V_0(t)*$
2014
$V_2(t)*$
2016
$V_1(t)*$
2008
V_{SS}

FIG. 23

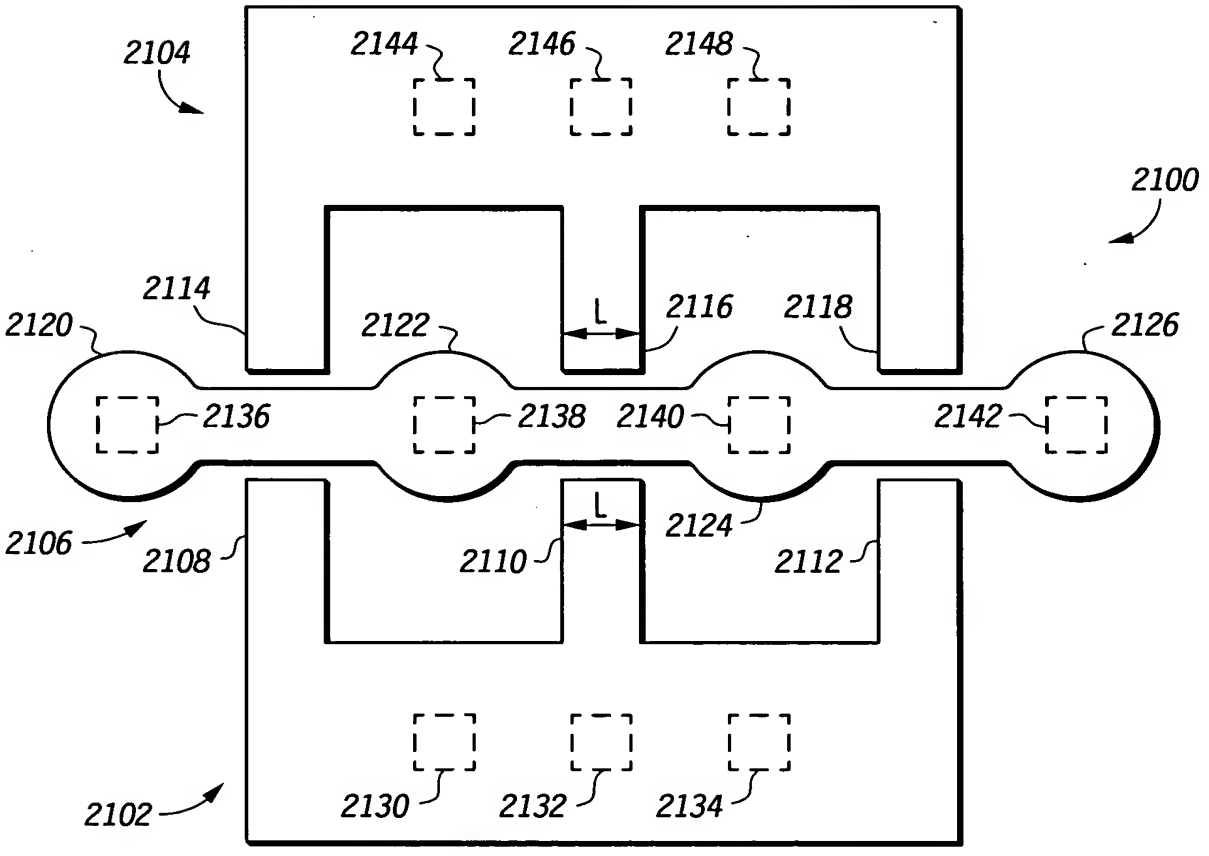
2104
2144
2146
2148
2100
2114
2120
2122
L
2116
2118
2126
2136
2138
2140
2142
2106
2108
2110
L
2124
2112
2102
2130
2132
2134

FIG. 24